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Title: ESTABLISHMENT OF AN END TO END VIRTUAL CONNECTION

Amendments to the Specification:

Replace paragraph [18] with the following paragraph:

[18]   In operation, end-to-end connection over network 100 is accomplished in three parts.
One embodiment of a process for establishing this connection is depicted in Figure 2. The
method begins at block 200. A permanent virtual connection (PVC) is established at block 202
between customer premises equipment 104 and access equipment 116. At block 204, the process
embeds information ~~on~~ for a permanent virtual connection between switch 108 and remote node
106 into a packet, e.g., an ATM cell for transmission over network 102. In one embodiment, the
information that is embedded in the data packet is embedded in the destination address and
includes slot, port, VPI and VCI information for the permanent virtual connection. At block 206,
the process transmits the packet with embedded information over a switched virtual circuit
through network 102. In one embodiment, this packet is sent over a static connection under the
IISP protocol. At block 208, the process sets up the permanent virtual circuit between switch
108 and remote node 106 based on the embedded information. The method ends at block 210.